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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER 06423/LH</b>
INTERNATIONAL APPLICATION NO. <b>PCT/IL2005/000128</b>	INTERNATIONAL FILING DATE <b>03 FEBRUARY 2005</b>	U.S. APPLICATION NO. if known see 37 CFR 1.5 <b>10/587295</b>
<b>TITLE OF INVENTION LOCALIZED PRODUCTION OF MICROBUBBLES AND CONTROL OF CAVITATIONAL AND HEATING EFFECTS BY USE OF ENHANCED ..</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Adam DAN</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		

**Express Mail Label No. EV 919 339 722US****Date of Deposit: July 25, 2006**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

**Change of correspondence address; Request for Pub. Of assignment information; 08A; Int. search report; 17 sheets formal drawings (Figs. 1-15D).**

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>107587295</b>		INTERNATIONAL APPLICATION NO. PCT/IL2005/000128	ATTORNEY'S DOCKET NUMBER 06423/LH	
The following fees have been submitted		CALCULATIONS		PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....		\$ 300		\$ 300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... All other situations.....		\$ 0 \$200		\$ 200.00
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared and provided to the Office..... All other situations.....		\$100 \$400 \$500		\$ 400.00
<b>TOTAL OF 21, 22 and 23 =</b>		\$ 900.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
- 100 =	/50 =		x \$250	\$ .00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$ .00		
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE
Total claims		37	- 20 = 17	x \$ 50 \$ 850.00
Independent claims		1	- 3 = 0	x \$200 \$ .00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360	\$ .00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 1750.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				
<b>SUBTOTAL =</b>		\$ 875.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+ \$ .00		
<b>TOTAL NATIONAL FEE =</b>		\$ 875.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ .00		
<b>TOTAL FEES ENCLOSED =</b>		\$ 875.00		
		Amount to be refunded:	\$ .00	
		Amount to be charged:	\$ .00	
a. <input type="checkbox"/>	A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input type="checkbox"/>	Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1378</u> . A duplicate copy of this sheet is enclosed.			
d. <input checked="" type="checkbox"/>	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
<b>CUSTOMER NO. 01933</b>				
Leonard Holtz				
Frishauf, Holtz, Goodman & Chick P.C.				
220 5TH AVE FL 16				
NEW YORK NY 10001-7708				
LH:bv				
SIGNATURE				
Leonard Holtz				
NAME				
22,974				
REGISTRATION NUMBER				

10/587295  
IAPS Rec'd PCT/PTO 25 JUL 2006

Attorney Docket No. 06423/LH

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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): A. DAN

Serial No. : National Phase of  
PCT/IL05/000128

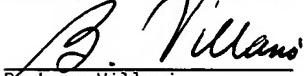
Filed : Herewith

For : LOCALIZED PRODUCTION  
OF MICROBUBBLES AND  
CONTROL OF CAVITATIONAL  
AND HEATING EFFECTS  
BY USE OF ENHANCED  
ULTRASOUND

Art Unit :  
Examiner :

Date of Deposit: July 25, 2006

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Barbara Villani

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**REQUEST FOR PUBLICATION OF  
ASSIGNMENT INFORMATION**

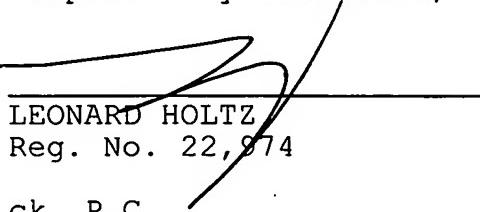
Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be  
published as part of the 18 month publication of the present  
application:

TECHNION RESEARCH AND DEVELOPMENT  
FOUNDATION LTD.  
Technion City  
32000 Haifa, ISRAEL

Respectfully submitted,

  
LEONARD HOLTZ  
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10/587295

IAPS Rec'd PCT/PTO 25 JUL 2006

PTO/SB/122 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	DAN
Group Art Unit	
Examiner Name	
Attorney Docket Number	06423/LH

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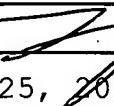
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I am the:

- [ ] Applicant/Inventor.  
 [ ] Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  
 [X] Attorney or Agent of record. Registration No. 33,902  
 [ ] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed

Name Leonard Holtz, Reg. No. 22,974

Signature 

Date July 25, 2006 Telephone: (212) 319-4900

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
 Submit multiple forms if more than one signature is required. See below.

[ ] Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.